

**TDMS No.** 88123 - 07

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

FORMAMIDE

**CAS Number:** 75-12-7

**Pathologist:** RYAN, M. - Blackshear, P.

F1\_M3

**Date Report Reqstd:** 05/04/2006

**Time Report Reqstd:** 11:47:08

**First Dose M/F:** 10/04/01 / 10/03/01

**Lab:** BAT

**C Number:** C88123B

**Lock Date:** 05/24/2004

**Cage Range:** ALL

**Date Range:** ALL

**Reasons For Removal:** ALL

**Removal Date Range:** ALL

**Treatment Groups:** Include ALL

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	7	7	7	7	7	7	7	7	7	7	7	7	6	7	6	6	7	5	7	7	7	7	7	4	
	3	2	2	2	3	2	3	2	2	2	0	2	2	7	2	8	5	2	5	2	2	2	3	3	5
	0	8	9	8	0	9	0	9	8	8	5	8	9	7	9	7	2	9	6	9	9	9	0	0	5
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

**males  
(cont...)**

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	A	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																								
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																								X
Hepatoblastoma																								
Hepatocellular Adenoma			X	X							X		X		X							X		
Hepatocellular Adenoma, Multiple	X	X			X	X					X		X		X							X		
Hepatocellular Carcinoma											X		X		X	X							X	

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

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	7	7	7	7	7	7	7	7	7	7	7	7	6	7	6	6	7	5	7	7	7	7	7	4	
	3	2	2	2	3	2	3	2	2	2	0	2	2	7	2	8	5	2	5	2	2	2	3	3	5
	0	8	9	8	0	9	0	9	8	8	5	8	9	7	9	7	2	9	6	9	9	9	0	0	5
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

**males  
(cont...)**

Liver

## ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Carcinoma, Metastatic, Liver																								
Subcapsular, Adenoma														X										
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Malignant																								
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma																								
Pars Distalis, Carcinoma																								
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicle, Carcinoma																								

## GENERAL BODY SYSTEM

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
| .. Insufficient tissue

M .. Missing tissue  
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## Lab: BAT

	DAY ON TEST	7	7	7	7	7	7	7	7	7	7	7	7	6	7	6	6	7	5	7	7	7	7	7	4	
		3	2	2	2	3	2	3	2	2	2	0	2	2	7	2	8	5	8	7	5	2	2	3	3	5
		0	8	9	8	0	9	0	9	8	8	5	8	9	7	9	7	2	9	6	9	2	9	9	0	5
<b>B6C3F1 MICE MALE</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

## **GENITAL SYSTEM**

## Coagulating Gland

### Epididymis

## Preputial Gland

## Prostate

### Seminal Vesicle

## Testes

## **HEMATOPOIETIC SYSTEM**

## Bone Marrow

## Lymph Node

#### **Mediastinal Lymphoma Malignant**

#### Lymph Node, Mandibular

#### **Lymphoma Malignant**

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† - Tissue examined microscopically

- + .. Tissue examined
- x Lesion present

.. Lesion present

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	7	7	7	7	7	7	7	7	7	7	7	7	6	7	6	6	7	5	7	7	7	7	7	4	
	3	2	2	2	3	2	3	2	2	2	0	2	2	7	2	8	5	2	5	2	2	2	3	3	5
	0	8	9	8	0	9	0	9	8	8	5	8	9	7	9	7	2	9	6	9	9	9	0	0	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

**B6C3F1 MICE MALE**  
**0 MG/KG**

males  
(cont...)

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																								X	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																								X	
Lymphoma Malignant																									
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	M	+	+	+	+	+	+
Hepatocholangiocarcinoma, Metastatic, Liver																									

**INTEGUMENTARY SYSTEM**

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle																								

**NERVOUS SYSTEM**

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| .. Insufficient tissue

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## Lab: BAT

## **RESPIRATORY SYSTEM**

Pleura

\* .. Total animals with tissue examined microscopically; Total animals with tumor

† = Tissue examined microscopically

Lesion present

.. Lesion present  
 Insufficient tissue

### M .. Missing tissue

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	7	7	7	7	7	7	7	7	7	7	7	7	6	7	6	6	7	5	7	7	7	7	7	4	
	3	2	2	2	3	2	3	2	2	2	0	2	2	7	2	8	5	2	5	2	2	2	3	3	5
	0	8	9	8	0	9	0	9	8	8	5	8	9	7	9	7	2	9	6	9	9	9	0	0	5
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

**males  
(cont...)**

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma	X	X																						
Carcinoma		X																						

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma		X																						

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																								X

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	7	7	4	7	7	7	7	7	4	6	5	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	
	3	2	5	2	2	3	2	2	3	7	9	3	2	2	3	0	2	3	3	2	3	2	3	2	3	2	3	2	3
	0	9	6	9	8	0	9	9	0	4	3	8	9	8	0	0	9	0	0	9	0	9	0	9	0	8	0	8	0
<b>B6C3F1 MICE MALE</b>																													
<b>0 MG/KG</b>																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	8	9	0	* TOTALS

## ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Gallbladder	+	+	+	+	+	+	+	+	A	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	45		
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Lymphoma Malignant																X											1	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangiosarcoma																	X										1	
Hepatoblastoma																												1
Hepatocellular Adenoma	X	X	X	X						X		X	X	X	X												17	
Hepatocellular Adenoma, Multiple																												7
Hepatocellular Carcinoma							X		X	X		X				X			X	X	X						12	

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	3	2	5	2	2	3	2	2	3	7	9	3	2	2	3	0	2	3	3	2	3	2	3	2	3	2	3	2	3
	0	9	6	9	8	0	9	9	0	4	3	8	9	8	0	0	9	0	0	9	0	9	0	9	0	8	0	8	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	8	9	0	* TOTALS

Hepatocellular Carcinoma, Multiple	X																											3
Hepatocholangiocarcinoma																												1
Lymphoma Malignant																												1
Mesentery																												3
Oral Mucosa	+								+								+											7
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Tooth									+								+											15

## CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangioma																												1
Hepatocholangiocarcinoma, Metastatic,	X																											1

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CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

	7	7	4	7	7	7	7	7	4	6	5	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	
	3	2	5	2	2	3	2	2	3	7	9	3	2	2	3	0	2	3	3	2	3	2	3	2	3	2	3	2	3
	0	9	6	9	8	0	9	9	0	4	3	8	9	8	0	0	9	0	0	9	0	9	0	9	0	8	0	8	0
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	* TOTALS			

Liver

## ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hepatocellular Carcinoma, Metastatic, Liver																							X				1	
Subcapsular, Adenoma																												2
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pheochromocytoma Malignant																							X				1	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Parathyroid Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	M	+	43
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pars Distalis, Adenoma																							X				1	
Pars Distalis, Carcinoma																							X				1	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Follicle, Carcinoma																								X			1	

## GENERAL BODY SYSTEM

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
| .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

TDMS No. 88123 - 07

**Test Type:** CHRONIC

## **Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

## FORMAMIDE

**CAS Number:** 75-12-7

**Pathologist:** RYAN, M. - Blackshear, P

Date Report Requested: 05/04/2006

Time Report Requested: 11:47:08

**First Dose M/F:** 10/04/01 / 10/03/01

## Lab: BAT

## **GENITAL SYSTEM**

Coagulating Gland	+	1
Epididymis	+	50
Preputial Gland	+	50
Prostate	+	50
Seminal Vesicle	+	50
Testes	+	50

## **HEMATOPOIETIC SYSTEM**

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+ .. Tissue examined microscopically

x Lesion present

| Insufficient tissue

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A .. Autolysis precludes evaluation

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TDMS No. 88123 - 07

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Lab: BAT

B6C3F1 MICE MALE 0 MG/KG	ANIMAL ID	7	7	4	7	7	7	7	4	6	5	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7
		3	2	5	2	2	3	2	2	3	7	9	3	2	2	3	0	2	3	3	2	3	2	3	2	3
		0	9	6	9	8	0	9	9	0	4	3	8	9	8	0	0	9	0	0	9	0	9	0	8	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
		* TOTALS																								
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																		X								2
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma																										X 2
Lymphoma Malignant																		X								2
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hepatocholangiocarcinoma, Metastatic, Liver																		X								1

## INTEGUMENTARY SYSTEM

Mammary Gland	M	+	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	2
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

## MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Skeletal Muscle																										1

## NERVOUS SYSTEM

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| .. Insufficient tissue

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	7	7	4	7	7	7	7	7	4	6	5	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7
	3	2	5	2	2	3	2	2	3	7	9	3	2	2	3	0	2	3	3	2	3	2	3	2	3	2	3
	0	9	6	9	8	0	9	9	0	4	3	8	9	8	0	0	9	0	0	9	0	9	0	9	0	8	0
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	* TOTALS

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma, Metastatic, Pituitary Gland																X											1

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar/Bronchiolar Adenoma			X	X																							8	
Alveolar/Bronchiolar Adenoma, Multiple																											2	
Alveolar/Bronchiolar Carcinoma																	X		X							X	6	
Carcinoma, Metastatic, Harderian Gland																											1	
Carcinoma, Metastatic, Liver																										X	1	
Hepatocellular Carcinoma, Metastatic, Liver														X											X	X	4	
Hepatocholangiocarcinoma, Metastatic, Liver						X																					1	
Lymphoma Malignant																											X	1

Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Pleura																											X	1
--------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---

Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
---------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

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FORMAMIDE

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	7	7	4	7	7	7	7	7	4	6	5	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	
	3	2	5	2	2	3	2	2	3	7	9	3	2	2	3	0	2	3	3	2	3	2	3	2	3	2	3	2	3
	0	9	6	9	8	0	9	9	0	4	3	8	9	8	0	0	9	0	0	9	0	9	0	9	0	8	0	8	0
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	8	9	0	* TOTALS

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adenoma							X																					6
Carcinoma																												2

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangioma							X																					1

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																												2

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TDMS No. 88123 - 07

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B6C3F1 MICE MALE 20 MG/KG	ANIMAL ID	7	6	6	7	7	7	7	7	7	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
		3	1	5	2	3	2	3	3	2	3	5	3	3	2	2	0	3	2	2	2	2	2	2	2	3	2	2	2	2	2	
		0	8	5	9	0	8	0	0	8	0	1	0	0	8	9	5	0	9	9	9	9	9	9	9	0	8	9	0	8	9	
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Hemangiosarcoma																X																
Lymph Node																																
Pancreatic, Histiocytic Sarcoma																																
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Lymph Node, Mesenteric		+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemangiosarcoma												X		X																		
Histiocytic Sarcoma																																
Thymus		+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	M	+	+	+	+	M	+	+	+	+		
Histiocytic Sarcoma																																

## INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

## MUSCULOSKELETAL SYSTEM

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
| .. Insufficient tissue

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	DAY ON TEST	7 3 0	4 7 8	5 3 6	7 2 0	7 2 9	7 3 9	6 3 0	7 2 9	7 3 8	5 2 0	7 3 0	7 2 9	7 3 0	7 2 8										
<b>B6C3F1 MICE MALE</b>		0 0 0																							
<b>20 MG/KG</b>	ANIMAL ID	7 6	7 7	7 8	7 9	8 0	8 1	8 2	8 3	8 4	8 5	8 6	8 7	8 8	8 9	8 9	8 9	9 0	9 1	9 2	9 3	9 4	9 5	9 6	9 7
																									<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Periesophageal Tissue, Hepatocholangiocarcinoma, Metastatic, Liver																									1
Gallbladder	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum Epithelium, Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum Carcinoma																									1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma															X										5

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		3	7	8	3	2	2	2	3	8	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	2	3	3
		0	8	6	0	9	9	9	0	7	0	9	3	8	0	0	9	0	9	0	8	8	0	9	0	9	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
		7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0	
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	* TOTALS		
Hepatoblastoma																												1	
Hepatocellular Adenoma																			X	X	X							12	
Hepatocellular Adenoma, Multiple							X			X	X	X										X	X					12	
Hepatocellular Carcinoma			X	X				X										X						X			11		
Hepatocellular Carcinoma, Multiple																							X					4	
Hepatocholangiocarcinoma					X																		X					2	
Histiocytic Sarcoma													X															1	
Mesentery																								+				1	
Oral Mucosa																												5	
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Histiocytic Sarcoma														X														1	
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Squamous Cell Papilloma							X																					1	
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Tooth		+				+		+		+														+				14	

## CARDIOVASCULAR SYSTEM

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TDMS No. 88123 - 07

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Lab: BAT

	DAY ON TEST	7 3 0	4 7 8	5 3 6	7 2 0	7 2 9	7 3 9	6 3 0	7 2 9	7 3 8	5 2 0	7 3 0	7 2 9	7 3 0	7 2 9	7 3 0										
		0 0 0	0 0 0	0 0 0																						
B6C3F1 MICE MALE 20 MG/KG	ANIMAL ID	0 0 0 7 6	0 0 0 7 7	0 0 0 8 8	0 0 0 9 9	* TOTALS																				

Follicle, Adenoma

X X

3

## GENERAL BODY SYSTEM

NONE

## GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Histiocytic Sarcoma																										1
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adenoma																										1
Histiocytic Sarcoma																										1
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Bilateral, Interstitial Cell, Adenoma																										1
Interstitial Cell, Adenoma																										1

## HEMATOPOIETIC SYSTEM

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
| .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

B6C3F1 MICE MALE 20 MG/KG	ANIMAL ID	7	4	5	7	7	7	7	6	7	7	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
		3	7	8	3	2	2	2	3	8	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	2	3	3
		0	8	6	0	9	9	9	0	7	0	9	3	8	0	0	9	0	9	0	8	8	0	9	0	9	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
		7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0	
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	* TOTALS		
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hemangiosarcoma																											1		
Lymph Node																		+									2		
Pancreatic, Histiocytic Sarcoma																		X									1		
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	48		
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hemangiosarcoma																											2		
Histiocytic Sarcoma																		X									1		
Thymus		+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Histiocytic Sarcoma																		X									1		

## INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	3
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

## MUSCULOSKELETAL SYSTEM

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
| .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

B6C3F1 MICE MALE 20 MG/KG	ANIMAL ID	7	4	5	7	7	7	7	6	7	7	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
		3	7	8	3	2	2	2	3	8	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	2	3	3
		0	8	6	0	9	9	9	0	7	0	9	3	8	0	0	9	0	9	0	8	8	0	9	0	0	9	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
		7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0	
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	* TOTALS		
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle																+												1	

## NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

## RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Alveolar/Bronchiolar Adenoma																						X	X				3
Alveolar/Bronchiolar Adenoma, Multiple																											1
Alveolar/Bronchiolar Carcinoma														X	X												4
Alveolar/Bronchiolar Carcinoma, Multiple																											1
Carcinoma, Metastatic, Harderian Gland														X													2
Hepatocellular Carcinoma, Metastatic, Liver																											4
Hepatocholangiocarcinoma, Metastatic, Liver													X														1
Histiocytic Sarcoma															X												1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 88123 - 07

**Test Type: CHRONIC**

**Route:** Gavage

**Species/Strain:** MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

## FORMAMIDE

CAS Number: 75-12-7

**Pathologist:** RYAN, M. - Blackshear, P

**Date Report Registered:** 05/04/2006

Time Report Requested: 11:47:08

**First Dose M/F:** 10/04/01 / 10/03/01

## Lab: BAT

## **SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
.....																					
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma															X						
Carcinoma															X						
Bilateral, Carcinoma																	X				

## **URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatocarcinoma, Metastatic, Liver		X																			1
Histiocytic Sarcoma													X								1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma														X							1

## **SYSTEMIC LESIONS**

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

+ .. Tissue examined  
x .. Lesion present

.. Lesion present  
 Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

	DAY ON TEST	4 7 8	7 2 8	7 3 0	3 3 0	6 4 3	7 6 0	7 2 2	7 0 1	7 3 0	7 2 8	7 2 8	7 2 9	7 1 4	7 0 9	7 2 9	7 2 9	7 3 0	7 2 9	7 2 9	7 2 9	7 2 9	7 2 9	6 1 8
<b>B6C3F1 MICE MALE</b>		0 0 1 0 1																						
<b>40 MG/KG</b>	ANIMAL ID	0 0 0 0 1	males (cont...)																					

## ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	M	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																								
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cholangiocarcinoma																								
Hemangiosarcoma																X								
Hemangiosarcoma, Multiple																X								
Hepatoblastoma																			X	X				X
Hepatocellular Adenoma	X	X	X				X	X	X		X			X		X	X	X						

\* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

	4	7	7	7	3	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6
	7	2	3	3	4	6	3	2	2	0	3	2	2	2	2	2	1	0	2	3	2	2	2
	8	8	0	0	3	4	0	2	9	1	0	8	8	9	9	8	4	9	9	0	9	8	9
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>B6C3F1 MICE MALE</b>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>40 MG/KG</b>	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3

**males  
(cont...)**

Hepatocellular Adenoma, Multiple	X	X	X	X
Hepatocellular Carcinoma	X	X		X
Hepatocellular Carcinoma, Multiple				X
Hepatocholangiocarcinoma				
Lymphoma Malignant				
Mesentery	+			
Oral Mucosa		+		+
Pancreas	+	+	+	+
Lymphoma Malignant				
Salivary Glands	+	+	+	+
Stomach, Forestomach	+	+	+	+
Squamous Cell Papilloma				X
Stomach, Glandular	+	+	+	+
Tooth	+	+	+	+

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
--------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

\* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

TDMS No. 88123 - 07

Test Type: CHRONIC

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Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

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Date Report Reqstd: 05/04/2006

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First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

	DAY ON TEST	4 7 8	7 2 8	7 3 0	3 3 0	6 4 3	7 6 0	7 2 2	7 0 1	7 3 0	7 2 8	7 2 8	7 2 9	7 2 8	7 1 9	7 0 9	7 2 9	7 0 9	7 2 9	7 2 9	7 2 9	7 2 9	7 2 9	6 1 8
<b>B6C3F1 MICE MALE</b>		0 0 1 0	0 0 1 1																					
<b>40 MG/KG</b>	ANIMAL ID	0 0 1 0	0 0 1 1	males (cont...)																				

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																									
Cholangiocarcinoma, Metastatic, Liver																									
Hepatocellular Carcinoma, Metastatic, Liver																									
Lymphoma Malignant																									

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Lymphoma Malignant																									
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																									
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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+ .. Tissue examined microscopically

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TDMS No. 88123 - 07

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Lab: BAT

	4	7	7	7	3	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6
	7	2	3	3	4	6	3	2	2	0	3	2	2	2	2	2	1	0	2	3	2	2	2	1
	8	8	0	0	3	4	0	2	9	1	0	8	8	9	9	8	4	9	9	0	9	8	9	8
.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 MG/KG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4

males  
(cont...)

Alveolar/Bronchiolar Adenoma																					X	X		
Alveolar/Bronchiolar Adenoma, Multiple																					X			
Alveolar/Bronchiolar Carcinoma																					X	X		
Alveolar/Bronchiolar Carcinoma, Multiple																					X			
Carcinoma, Metastatic, Harderian Gland																					X			
Cholangiocarcinoma, Metastatic, Liver																								
Hepatoblastoma, Metastatic, Liver																					X			
Hepatocellular Carcinoma, Metastatic, Liver																								X
Lymphoma Malignant																								
Mediastinum, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																					X			
Mediastinum, Cholangiocarcinoma, Metastatic, Liver																								
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																								
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

## SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

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TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

	7	6	6	7	7	6	7	7	7	7	2	7	7	7	7	7	4	7	7	7	7	7	7	
	2	3	9	3	1	3	3	3	3	2	3	0	2	2	2	2	3	3	4	2	3	2	2	2
	9	0	6	0	9	3	0	0	9	0	3	9	9	8	8	0	0	9	9	0	9	9	8	9
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>B6C3F1 MICE MALE</b>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>40 MG/KG</b>	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
																								<b>* TOTALS</b>

## ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	M	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	45
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant	X																							1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cholangiocarcinoma																								1
Hemangiosarcoma																								6
Hemangiosarcoma, Multiple																								1
Hepatoblastoma																								3
Hepatocellular Adenoma	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	20

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

DAY ON TEST	7	6	6	7	7	6	7	7	7	7	2	7	7	7	7	7	7	4	7	7	7	7	7	7
	2	3	9	3	1	3	3	3	2	3	0	2	2	2	2	3	3	4	2	3	2	2	2	2
	9	0	6	0	9	3	0	0	9	0	3	9	9	8	8	0	0	9	9	0	9	9	8	9
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>40 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

**\* TOTALS**

Hepatocellular Adenoma, Multiple																				X					5
Hepatocellular Carcinoma																	X	X	X		X	X			9
Hepatocellular Carcinoma, Multiple																				X					3
Hepatocholangiocarcinoma																									1
Lymphoma Malignant																									1
Mesentery																									1
Oral Mucosa																	+								5
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																	X								1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Squamous Cell Papilloma																									1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Tooth																	+								9

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
--------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

\* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue



**TDMS No. 88123 - 07**

**Test Type: CHRONIC**

## **Route: Gavage**

**Species/Strain:** MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

## FORMAMIDE

CAS Number: 75-12-7

**Pathologist:** RYAN, M. - Blackshear, P

**Date Report Registered:** 05/04/2006

Time Report Requested: 11:47:08

**First Dose M/F:** 10/04/01 / 10/03/01

## Lab: BAT

### Follicle, Adenoma

1

## **GENERAL BODY SYSTEM**

NONE

## **GENITAL SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with tumor

### M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

x .. Lesion present  
| .. Insufficient tissue

**BEANK** ... Not examined microscopically

**TDMS No. 88123 - 07**

**Test Type: CHRONIC**

**Route:** Gavage

**Species/Strain:** MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

## FORMAMIDE

CAS Number: 75-12-7

**Pathologist:** RYAN, M. - Blackshear, P

**Date Report Registered:** 05/04/2006

Time Report Requested: 11:47:08

**First Dose M/F:** 10/04/01 / 10/03/01

## Lab: BAT

## **HEMATOPOIETIC SYSTEM**

## INTEGUMENTARY SYSTEM

\* .. Total animals with tissue examined microscopically: Total animals with tumor

† ... Tissue examined microscopically

Lesion present

.. Lesion present  
 Insufficient tissue

### M .. Missing tissue

A - Autolysis precludes evaluation

**BLANK** Not examined microscopically



TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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Lab: BAT

	7	6	6	7	7	6	7	7	7	7	2	7	7	7	7	7	4	7	7	7	7	7	7
	2	3	9	3	1	3	3	3	2	3	0	2	2	2	2	3	4	2	3	2	2	2	2
	9	0	6	0	9	3	0	0	9	0	3	9	9	8	8	0	9	9	0	9	9	8	9
<b>B6C3F1 MICE MALE</b>																							
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8

**\* TOTALS**

Alveolar/Bronchiolar Adenoma	X	X	X	X																			
Alveolar/Bronchiolar Adenoma, Multiple																							
Alveolar/Bronchiolar Carcinoma	X																						
Alveolar/Bronchiolar Carcinoma, Multiple																							
Carcinoma, Metastatic, Harderian Gland	X																						
Cholangiocarcinoma, Metastatic, Liver	X																						
Hepatoblastoma, Metastatic, Liver																							
Hepatocellular Carcinoma, Metastatic, Liver	X	X	X	X																			
Lymphoma Malignant	X	X	X	X																			
Mediastinum, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																							
Mediastinum, Cholangiocarcinoma, Metastatic, Liver	X																						
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant	X																						1
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

\* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

TDMS No. 88123 - 07

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Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

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DAY ON TEST	7	6	6	7	7	6	7	7	7	7	2	7	7	7	7	7	4	7	7	7	7	7	7	
	2	3	9	3	1	3	3	3	2	3	0	2	2	2	2	3	4	2	3	2	2	2	2	2
	9	0	6	0	9	3	0	0	0	9	0	3	9	9	8	8	0	9	9	0	9	9	8	9
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>40 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

**\* TOTALS**

Adenoma	X	2
Carcinoma		2
Bilateral, Carcinoma	X	1

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant	X																						1
Renal Tubule, Cholangiocarcinoma, Metastatic, Liver		X																					1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant	X																						1

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma	X																						1
Lymphoma Malignant			X																				2

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

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TDMS No. 88123 - 07

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DAY ON TEST	7	7	4	7	7	7	7	7	7	6	7	7	7	6	6	6	6	6	7	6	6	7	6	
	2	3	4	2	2	2	3	0	1	2	3	5	2	2	3	4	5	0	7	3	2	1	5	3
	8	0	9	8	8	1	0	8	9	9	0	6	9	8	0	6	9	3	3	5	8	8	8	0
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>80 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4

**males  
(cont...)**

## ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Pancreas								X															
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma																							
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Pancreas								X															
Hemangioma																							
Hemangiosarcoma																							
Hemangiosarcoma, Multiple								X															

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

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DAY ON TEST	7	7	4	7	7	7	7	7	7	6	7	7	7	6	6	6	6	6	7	6	6	7	6	
	2	3	4	2	2	2	3	0	1	2	3	5	2	2	3	4	5	0	7	3	2	1	5	3
	8	0	9	8	8	1	0	8	9	9	0	6	9	8	0	6	9	3	3	5	8	8	8	0
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>80 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4

**males  
(cont...)**

Hepatoblastoma, Multiple																								
Hepatocellular Adenoma	X		X	X	X																			
Hepatocellular Adenoma, Multiple						X	X																	X
Hepatocellular Carcinoma		X	X																					
Hepatocellular Carcinoma, Multiple								X																
Hepatocholangiocarcinoma																								
Mesentery			+																					
Carcinoma, Metastatic, Pancreas		X																						
Oral Mucosa			+																					+
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma		X																						
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatoblastoma, Metastatic, Liver																								
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma																								X
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Pancreas		X																						
Tooth																								

\* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

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A .. Autolysis precludes evaluation

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	7	7	4	7	7	7	7	7	7	7	6	7	7	7	6	6	6	6	6	7	6	6	7	6
	2	3	4	2	2	2	3	0	1	2	3	5	2	2	3	4	5	0	7	3	2	1	5	3
	8	0	9	8	8	1	0	8	9	9	0	6	9	8	0	6	9	3	3	5	8	8	8	0
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>80 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4

males  
(cont...)

Subcutaneous Tissue, Hemangioma

Subcutaneous Tissue,  
Hemangiosarcoma

X

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle	+																							
Carcinoma, Metastatic, Pancreas	X																							
Hepatoblastoma, Metastatic, Liver																								

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Alveolar/Bronchiolar Adenoma																								
Alveolar/Bronchiolar Carcinoma	X																							
Carcinoma, Metastatic, Pancreas																								
Hepatoblastoma, Metastatic, Liver																								
Hepatocellular Carcinoma, Metastatic,							X			X										X	X			

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

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**TDMS No. 88123 - 07**

**Test Type: CHRONIC**

## **Route: Gavage**

**Species/Strain:** MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

## FORMAMIDE

CAS Number: 75-12-7

**Pathologist:** RYAN, M. - Blackshear, P

**Date Report Requested:** 05/04/2006

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## Lab: BAT

	DAY ON TEST	7	7	4	7	7	7	7	7	7	7	6	7	7	7	6	6	6	6	7	6	6	7	6	
		2	3	4	2	2	2	3	0	1	2	3	5	2	2	3	4	5	0	7	3	2	1	5	3
		8	0	9	8	8	1	0	8	9	9	0	6	9	8	0	6	9	3	3	5	8	8	8	0
<hr/>																									
<b>B6C3F1 MICE MALE</b>	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>80 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4

## Urinary Bladder

## **SYSTEMIC LESIONS**

## Multiple Organ

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

x .. Eosin present  
| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

	7	7	7	7	6	4	7	7	7	7	7	7	7	6	7	7	7	5	7	7	7	7	7	7
	2	2	2	3	5	8	2	3	2	2	2	2	2	5	2	3	2	3	2	2	2	3	3	3
	9	8	9	0	0	5	8	0	9	8	9	9	8	6	9	0	9	4	9	9	8	0	0	0
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>80 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	<b>* TOTALS</b>																							

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	46
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma, Metastatic, Pancreas																								1
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma																								1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma, Metastatic, Pancreas																								1
Hemangioma																	X							1
Hemangiosarcoma																	X							3
Hemangiosarcoma, Multiple																	X							5

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

B6C3F1 MICE MALE 80 MG/KG	ANIMAL ID	7	7	7	7	6	4	7	7	7	7	7	7	6	7	7	7	5	7	7	7	7	7	7	
		2	2	2	3	5	8	2	3	2	2	2	2	2	5	2	3	2	3	2	2	2	3	3	3
		9	8	9	0	0	5	8	0	9	8	9	9	8	6	9	0	9	4	9	9	8	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0	
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	
		* TOTALS																							
Hepatoblastoma, Multiple		X																							1
Hepatocellular Adenoma	X		X					X	X	X											X		X	18	
Hepatocellular Adenoma, Multiple		X	X					X		X	X										X	X		10	
Hepatocellular Carcinoma			X					X	X											X	X	X		18	
Hepatocellular Carcinoma, Multiple																									1
Hepatocholangiocarcinoma																								X	1
Mesentery																									1
Carcinoma, Metastatic, Pancreas																									1
Oral Mucosa																									7
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma																									1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatoblastoma, Metastatic, Liver																									1
X																									
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Squamous Cell Papilloma																									1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma, Metastatic, Pancreas																									1
Tooth																									2

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

DAY ON TEST	7	7	7	7	6	4	7	7	7	7	7	7	7	6	7	7	7	5	7	7	7	7	7	7
	2	2	2	3	5	8	2	3	2	2	2	2	2	5	2	3	2	3	2	2	2	3	3	3
	9	8	9	0	0	5	8	0	9	8	9	9	8	6	9	0	9	4	9	9	8	0	0	0
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>80 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	<b>* TOTALS</b>																							

## CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatoblastoma, Metastatic, Liver																								1

## ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatoblastoma, Metastatic, Liver																								1
Bilateral, Carcinoma, Metastatic, Pancreas																								1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatoblastoma, Metastatic, Liver																								1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Parathyroid Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Pituitary Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

**TDMS No. 88123 - 07**

**Test Type: CHRONIC**

**Route:** Gavage

**Species/Strain:** MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

## FORMAMIDE

CAS Number: 75-12-7

**Pathologist:** RYAN, M. - Blackshear, P

**Date Report Registered:** 05/04/2006

Time Report Requested: 11:47:08

**First Dose M/F:** 10/04/01 / 10/03/01

## Lab: BAT

	7	7	7	7	6	4	7	7	7	7	7	7	7	7	6	7	7	7	5	7	7	7	7	7
DAY ON TEST	2	2	2	3	5	8	2	3	2	2	2	2	2	2	5	2	3	2	2	2	2	2	3	3
	9	8	9	0	0	5	8	0	9	8	9	9	9	8	6	9	0	9	4	9	9	8	0	0
<hr/>																								
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>80 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

### Follicle, Adenoma

1

## **GENERAL BODY SYSTEM**

NONE

## **GENITAL SYSTEM**

## **HEMATOPOIETIC SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present  
 .. Insufficient tissue

M .. Missing tissue  
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TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

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## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

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Lab: BAT

	7	7	7	7	6	4	7	7	7	7	7	7	7	6	7	7	7	5	7	7	7	7	7	7
	2	2	2	3	5	8	2	3	2	2	2	2	2	5	2	3	2	3	2	2	2	3	3	3
	9	8	9	0	0	5	8	0	9	8	9	9	8	6	9	0	9	4	9	9	8	0	0	0
<b>B6C3F1 MICE MALE</b>																								
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	<b>* TOTALS</b>																							

Subcutaneous Tissue, Hemangioma	X	1
Subcutaneous Tissue, Hemangiosarcoma		1

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle								+																	2
Carcinoma, Metastatic, Pancreas																									1
Hepatoblastoma, Metastatic, Liver								X																	1

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar/Bronchiolar Adenoma																								X	1
Alveolar/Bronchiolar Carcinoma					X			X		X									X	X	X	X		11	
Carcinoma, Metastatic, Pancreas																									1
Hepatoblastoma, Metastatic, Liver								X																	1
Hepatocellular Carcinoma, Metastatic,						X			X																6

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

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TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

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Lab: BAT

	DAY ON TEST	7	7	7	7	6	4	7	7	7	7	7	7	7	6	7	7	7	5	7	7	7	7	7	7	
		2	2	2	3	5	8	2	3	2	2	2	2	2	5	2	3	2	3	2	2	2	3	3	3	
		9	8	9	0	0	5	8	0	9	8	9	9	8	6	9	0	9	4	9	9	8	0	0	0	
<hr/>																										
<b>B6C3F1 MICE MALE</b>	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>80 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
		7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	0
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

**\* TOTALS**

Liver																										
Hepatocellular Carcinoma, Metastatic, Uncertain Primary Site																	X									2
Hepatocholangiocarcinoma, Metastatic, Liver																										1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma																	X								4
Carcinoma																									1
Bilateral, Adenoma																									1

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma, Metastatic, Pancreas																									1
Hepatoblastoma, Metastatic, Liver																X									1
Renal Tubule, Carcinoma																		X							1

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+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

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TDMS No. 88123 - 07

**Test Type: CHRONIC**

## **Route: Gavage**

**Species/Strain:** MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

## FORMAMIDE

CAS Number: 75-12-7

**Pathologist:** RYAN, M. - Blackshear, P

**Date Report Requested:** 05/04/2006

Time Report Requested: 11:47:08

**First Dose M/F:** 10/04/01 / 10/03/01

## Lab: BAT

## Urinary Bladder

## **SYSTEMIC LESIONS**

## Multiple Organ

\*\*\* END OF MALE DATA \*\*\*

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## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: BAT

DAY ON TEST	7	6	7	7	7	6	7	7	7	7	7	7	7	3	7	7	7	4	7	7	7	7	7	7
	2	2	2	2	2	6	2	2	2	2	2	2	2	6	2	2	2	9	2	2	2	2	2	2
	7	3	8	8	9	5	9	7	8	8	7	9	7	7	7	8	7	3	8	7	9	8	8	7
B6C3F1 MICE FEMALE 0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4

females  
(cont...)

## ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosarcoma, Metastatic, Mesentery	X																						
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosarcoma, Metastatic, Mesentery	X																						
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																							
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosarcoma, Metastatic, Mesentery	X																						
Lymphoma Malignant																							
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																							
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosarcoma, Metastatic, Mesentery	X																						
Lymphoma Malignant																							
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

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TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

	7	6	7	7	7	6	7	7	7	7	7	7	7	3	7	7	7	4	7	7	7	7	7	7
	2	2	2	2	2	6	2	2	2	2	2	2	2	6	2	2	2	9	2	2	2	2	2	2
	7	3	8	8	9	5	9	7	8	8	7	8	7	9	7	7	8	3	8	7	9	8	8	7
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4

females  
(cont...)

Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant	X																							X

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma																								
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Subcutaneous Tissue, Histiocytic Sarcoma																								X
Subcutaneous Tissue, Lymphoma Malignant																								
Subcutaneous Tissue, Sarcoma																								X

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle																								
Fibrosarcoma, Metastatic, Mesentery																								
Hemangiosarcoma																								

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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	2	2	2	2	2	6	2	2	2	2	2	2	2	6	2	2	2	9	2	2	2	2	2	2
	7	3	8	8	9	5	9	7	8	8	7	8	7	9	7	7	8	3	8	7	9	8	8	7
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4

**B6C3F1 MICE FEMALE**  
**0 MG/KG**

females  
(cont...)

## NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																									
Spinal Cord																			+						

## RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Alveolar/Bronchiolar Adenoma																									X
Alveolar/Bronchiolar Adenoma, Multiple																									
Alveolar/Bronchiolar Carcinoma																									X
Carcinoma, Metastatic, Harderian Gland																									X
Hepatocellular Carcinoma, Metastatic, Liver																									X
Histiocytic Sarcoma																									X
Lymphoma Malignant																									X

Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Histiocytic Sarcoma																									X
Lymphoma Malignant																									

Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

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TDMS No. 88123 - 07

**Test Type: CHRONIC**

**Route:** Gavage

**Species/Strain:** MICE/B6C3F1

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**First Dose M/F:** 10/04/01 / 10/03/01

## Lab: BAT

DAY ON TEST	7	6	7	7	7	6	7	7	7	7	7	7	7	7	3	7	7	7	4	7	7	7	7	7	7	
	2	2	2	2	2	6	2	2	2	2	2	2	2	2	6	2	2	2	9	2	2	2	2	2	2	2
	7	3	8	8	9	5	9	7	8	8	7	8	7	9	7	7	8	7	3	8	7	7	9	8	8	7
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

## SPECIAL SENSES SYSTEM

## **URINARY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

Lesion present

| Insufficient tissue

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**TDMS No. 88123 - 07**

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DAY ON TEST	7	6	7	7	7	6	7	7	7	7	7	7	7	7	3	7	7	7	4	7	7	7	7	7	7	
	2	2	2	2	2	6	2	2	2	2	2	2	2	2	6	2	2	2	9	2	2	2	2	2	2	2
	7	3	8	8	9	5	9	7	8	8	7	8	7	9	7	7	8	7	3	8	7	7	9	8	8	7
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

## **SYSTEMIC LESIONS**

## Multiple Organ

## Histiocytic Sarcoma

## Lymphoma Malignant

## females (cont...)

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

+ .. Tissue examined  
x Lesion present

.. Lesion present  
 Insufficient tissue

M .. Missing tissue

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## Lab: BAT

DAY ON TEST	7	6	7	6	7	7	7	7	3	6	7	7	7	7	5	7	7	6	7	7	5	7	7
	2	2	2	1	2	2	2	2	7	5	0	2	2	2	9	2	2	8	2	2	9	2	2
	7	3	7	5	7	7	8	8	4	3	6	8	8	7	9	3	8	8	1	8	7	4	7

.....

B6C3F1 MICE FEMALE 0 MG/KG	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8

## **ALIMENTARY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

**DEAN** :: Not examined microscopically

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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Lab: BAT

B6C3F1 MICE FEMALE 0 MG/KG	ANIMAL ID	DAY ON TEST																									* TOTALS	
		7	6	7	6	7	7	7	3	6	7	7	7	7	5	7	7	6	7	7	5	7	7	5	7	7		
		2	2	2	1	2	2	2	2	7	5	0	2	2	2	2	9	2	2	8	2	2	9	2	2	2		
		7	3	7	5	7	7	8	8	8	4	3	6	8	8	7	9	3	8	8	1	8	7	4	7	7		
Lymphoma Malignant		X																X			X		X				3	
Liver		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hepatocellular Adenoma																		X			X	X					4	
Hepatocellular Adenoma, Multiple																							X					2
Hepatocellular Carcinoma																												4
Histiocytic Sarcoma																			X									2
Lymphoma Malignant																			X									4
Mesentery																			+									8
Fibrosarcoma																												1
Lymphoma Malignant																							X					2
Oral Mucosa																		+										1
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	49	
Fibrosarcoma, Metastatic, Mesentery																												1
Lymphoma Malignant																		X					X				3	
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Lymphoma Malignant																		X					X				3	
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																		X					X				3	

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	DAY ON TEST	7	6	7	6	7	7	7	7	3	6	7	7	7	7	5	7	7	6	7	7	5	7	7
		2	2	2	1	2	2	2	2	7	5	0	2	2	2	2	9	2	8	2	2	9	2	2
		7	3	7	5	7	7	8	8	4	3	6	8	8	7	9	3	8	8	1	8	7	4	7

  

<b>B6C3F1 MICE FEMALE</b>	<b>ANIMAL ID</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8

**\* TOTALS**

Squamous Cell Papilloma																									1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																									3

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	
Lymphoma Malignant																									1

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Fibrosarcoma, Metastatic, Mesentery																									1
Lymphoma Malignant										X															2
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	M	M	+	+	42	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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	2	2	2	1	2	2	2	2	7	5	0	2	2	2	2	9	2	8	2	2	9	2	2
	7	3	7	5	7	7	8	8	8	4	3	6	8	8	7	9	3	8	8	1	8	7	4
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
																							<b>* TOTALS</b>

## HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>
Lymphoma Malignant																						X	<b>1</b>
Lymph Node																							<b>8</b>
Bronchial, Lymphoma Malignant																							<b>1</b>
Deep Cervical, Lymphoma Malignant																							<b>1</b>
Lumbar, Lymphoma Malignant																							<b>2</b>
Mediastinal, Lymphoma Malignant																							<b>2</b>
Renal, Lymphoma Malignant																						X	<b>4</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	<b>49</b>
Lymphoma Malignant																						X	<b>4</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>
Fibrosarcoma, Metastatic, Mesentery																							<b>1</b>
Histiocytic Sarcoma																							<b>1</b>
Lymphoma Malignant																						X	<b>6</b>
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>
Hemangiosarcoma																							<b>1</b>
Histiocytic Sarcoma																							<b>2</b>
Lymphoma Malignant																						X	<b>6</b>

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	2	2	2	1	2	2	2	2	7	5	0	2	2	2	2	9	2	8	2	2	9	2	2	
	7	3	7	5	7	7	8	8	8	4	3	6	8	8	7	9	3	8	8	1	8	7	4	7
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
																								<b>* TOTALS</b>

Thymus	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	49	
Lymphoma Malignant						X			X														X	7

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Carcinoma						X			X															2
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Subcutaneous Tissue, Histiocytic Sarcoma																								1
Subcutaneous Tissue, Lymphoma Malignant							X																X	2
Subcutaneous Tissue, Sarcoma																								1

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle																							+	2
Fibrosarcoma, Metastatic, Mesentery																								1
Hemangiosarcoma																							X	1

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
| .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

	7	6	7	6	7	7	7	7	3	6	7	7	7	7	5	7	7	6	7	7	5	7	7
	2	2	2	1	2	2	2	2	7	5	0	2	2	2	2	9	2	8	2	2	9	2	2
	7	3	7	5	7	7	8	8	4	3	6	8	8	7	9	3	8	8	1	8	7	4	7
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 MICE FEMALE	ANIMAL ID	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
0 MG/KG		2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7

\* TOTALS

## NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant							X																	1
Spinal Cord																								1

## RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar/Bronchiolar Adenoma					X		X																	3
Alveolar/Bronchiolar Adenoma, Multiple																								1
Alveolar/Bronchiolar Carcinoma																								2
Carcinoma, Metastatic, Harderian Gland															X									2
Hepatocellular Carcinoma, Metastatic, Liver															X									2
Histiocytic Sarcoma																								1
Lymphoma Malignant						X		X																4
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Histiocytic Sarcoma																								1
Lymphoma Malignant							X																	2
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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+ .. Tissue examined microscopically

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TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

DAY ON TEST	7	6	7	6	7	7	7	7	3	6	7	7	7	7	5	7	7	6	7	7	5	7	7
	2	2	2	1	2	2	2	2	7	5	0	2	2	2	2	9	2	8	2	2	9	2	2
	7	3	7	5	7	7	8	8	8	4	3	6	8	8	7	9	3	8	8	1	8	7	4
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
																							<b>* TOTALS</b>

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	<b>49</b>	
Lymphoma Malignant																			X						<b>1</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	<b>49</b>	
Adenoma																			X						<b>4</b>
Carcinoma							X																		<b>3</b>
Lymphoma Malignant								X												X					<b>2</b>
Bilateral, Carcinoma									X												X				<b>1</b>

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>	
Fibrosarcoma, Metastatic, Mesentery																									<b>1</b>
Histiocytic Sarcoma																									<b>1</b>
Lymphoma Malignant							X													X					<b>2</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>	
Histiocytic Sarcoma								X																	<b>1</b>
Lymphoma Malignant								X												X					<b>3</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 88123 - 07

**Test Type: CHRONIC**

## **Route: Gavage**

**Species/Strain:** MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

## FORMAMIDE

CAS Number: 75-12-7

**Pathologist:** RYAN, M. - Blackshear, P.

**Date Report Requested:** 05/04/2006

Time Report Requested: 11:47:08

**First Dose M/F:** 10/04/01 / 10/03/01

## Lab: BAT

## **SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma														X										2
Lymphoma Malignant				X		X							X			X			X		X	X		10

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+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present  
 Insufficient tiss

| .. Insufficient tissue

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TDMS No. 88123 - 07

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Lab: BAT

	DAY ON TEST	7	6	7	5	7	7	6	7	7	6	7	7	7	7	6	7	7	7	7	7	7	7	7	4
		2	6	2	7	2	2	6	2	2	8	2	2	2	2	4	2	2	2	2	2	2	2	2	1
		8	5	7	5	7	7	9	5	8	7	1	9	7	9	8	9	6	7	7	8	9	7	9	3
<b>B6C3F1 MICE FEMALE</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>20 MG/KG</b>	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4

females  
(cont...)

## ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																								
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																								
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																								
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																								
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																								
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																								
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with tumor

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TDMS No. 88123 - 07

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FORMAMIDE

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Lab: BAT

	7	6	7	5	7	7	6	7	7	6	7	7	7	7	6	7	7	7	7	7	7	7	7	4
	2	6	2	7	2	2	2	6	2	2	8	2	2	2	2	4	2	2	2	2	2	2	2	1
	8	5	7	5	7	7	9	5	8	7	1	9	7	9	8	9	6	7	7	8	9	7	9	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4

females  
(cont...)

Hepatocellular Adenoma	X	X	X
Hepatocellular Adenoma, Multiple			X
Hepatocellular Carcinoma	X	X	
Hepatocellular Carcinoma, Multiple			
Histiocytic Sarcoma			
Lymphoma Malignant	X		
Mesentery			+
Pancreas	+	+	+
Histiocytic Sarcoma	+	+	+
Lymphoma Malignant	+	+	+
Salivary Glands	+	+	+
Lymphoma Malignant	+	+	X
Stomach, Forestomach	+	+	+
Lymphoma Malignant	+	+	+
Squamous Cell Carcinoma	+	+	+
Stomach, Glandular	+	+	+
Lymphoma Malignant	+	+	+

## CARDIOVASCULAR SYSTEM

\* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

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A .. Autolysis precludes evaluation

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**TDMS No. 88123 - 07**

**Test Type: CHRONIC**

## **Route: Gavage**

**Species/Strain:** MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

## FORMAMIDE

CAS Number: 75-12-7

**Pathologist:** RYAN, M. - Blackshear, P.

**Date Report Registered:** 05/04/2006

Time Report Requested: 11:47:08

**First Dose M/F:** 10/04/01 / 10/03/01

## Lab: BAT

DAY ON TEST	7	6	7	5	7	7	7	6	7	7	6	7	7	7	7	7	6	7	7	7	7	7	7	7	4
	2	6	2	7	2	2	2	6	2	2	8	2	2	2	2	2	4	2	2	2	2	2	2	2	1
	8	5	7	5	7	7	9	5	8	7	1	9	7	9	8	9	6	7	7	8	9	7	9	7	3
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>20 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

## Lymphoma Malignant

X

## **URINARY SYSTEM**

## Lymphoma Malignant

X

### Lymphoma Malignant

X

## **SYSTEMIC LESIONS**

## Histiocytic Sarcoma

X X

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present  
 Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 88123 - 07

**Test Type:** CHRONIC

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	DAY ON TEST	7	7	5	7	7	7	7	6	7	7	7	6	7	7	7	7	6	7	7	5	7	7	7	7
		2	2	3	2	2	2	2	7	2	2	2	1	2	2	2	2	5	2	2	1	2	2	2	2
		7	8	6	8	8	8	7	7	4	7	8	8	9	9	7	8	8	7	9	3	8	8	7	7
<hr/>																									
<b>B6C3F1 MICE FEMALE</b>	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>20 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
		7	7	7	7	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	0
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

## **ALIMENTARY SYSTEM**

\* .. Total animals with tissue examined microscopically: Total animals with tumor

### M .. Missing tissue

† ... Tissue examined microscopically

A - Autolysis precludes evaluation

Lesion present

**BLANK** Not examined microscopically

.. Lesion present  
 Insufficient tissue

BEANK .. Not examined microscopically

TDMS No. 88123 - 07

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Species/Strain: MICE/B6C3F1

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Lab: BAT

B6C3F1 MICE FEMALE 20 MG/KG	ANIMAL ID	DAY ON TEST																								* TOTALS		
		7	7	5	7	7	7	6	7	7	7	6	7	7	7	7	6	7	7	5	7	7	7	7	7			
		2	2	3	2	2	2	2	7	2	2	2	1	2	2	2	5	2	2	1	2	2	2	2	2	2		
		7	8	6	8	8	8	7	7	4	7	8	8	9	9	7	8	7	9	3	8	8	7	7	7	7		
Hepatocellular Adenoma		X								X		X		X	X	X										9		
Hepatocellular Adenoma, Multiple										X																	3	
Hepatocellular Carcinoma																											3	
Hepatocellular Carcinoma, Multiple										X																	1	
Histiocytic Sarcoma					X																						2	
Lymphoma Malignant										X																	5	
Mesentery											+									+							3	
Pancreas		+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Histiocytic Sarcoma																			X								1	
Lymphoma Malignant												X									X						2	
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Lymphoma Malignant												X															2	
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Lymphoma Malignant																											1	
Squamous Cell Carcinoma																											1	
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Lymphoma Malignant																			X								1	

## CARDIOVASCULAR SYSTEM

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
| .. Insufficient tissue

M .. Missing tissue  
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	7	7	5	7	7	7	7	6	7	7	7	6	7	7	7	7	6	7	7	5	7	7	7	7
	2	2	3	2	2	2	2	2	2	2	2	1	2	2	2	2	5	2	2	1	2	2	2	2
	7	8	6	8	8	8	7	7	4	7	8	8	9	9	7	8	7	9	3	8	8	7	7	7

  

<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

**\* TOTALS**

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Follicle, Adenoma																		X						2

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																			X					1

Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cystadenoma																			X					3

Granulosa Cell Tumor Benign																								1
-----------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

Granulosa Cell Tumor Malignant																								1
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

Histiocytic Sarcoma																								1
---------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

Lymphoma Malignant																			X					3
--------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	---

Teratoma Benign																								1
-----------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

Bilateral, Luteoma																								1
--------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma																			X					1

Lymphoma Malignant																			X					3
--------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	---

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

	7	7	5	7	7	7	7	6	7	7	7	6	7	7	7	7	6	7	7	5	7	7	7	7	
	2	2	3	2	2	2	2	2	7	2	2	2	1	2	2	2	2	5	2	2	1	2	2	2	2
	7	8	6	8	8	8	7	7	4	7	8	8	8	9	9	7	8	7	9	3	8	8	7	7	
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>20 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
	<b>* TOTALS</b>																								

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																								3
Lymph Node																								4
Iliac, Lymphoma Malignant																								1
Lumbar, Lymphoma Malignant																								1
Mediastinal, Lymphoma Malignant																								2
Pancreatic, Lymphoma Malignant																								1
Renal, Lymphoma Malignant																								2
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																								4
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma																								1
Lymphoma Malignant																								4
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Histiocytic Sarcoma																								2
Lymphoma Malignant																								5
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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DAY ON TEST	7	7	5	7	7	7	7	6	7	7	7	6	7	7	7	7	6	7	7	5	7	7	7	7
	2	2	3	2	2	2	2	7	2	2	2	1	2	2	2	2	5	2	2	1	2	2	2	2
	7	8	6	8	8	8	7	7	4	7	8	8	8	9	9	7	8	7	9	3	8	8	7	7
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>20 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

**\* TOTALS**

Lymphoma Malignant	X	X	X	3
Thymoma Benign				1

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma																							2
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Subcutaneous Tissue, Lymphoma Malignant																							1
Subcutaneous Tissue, Sarcoma	X																						6

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Skeletal Muscle	+																						5
Lipoma	X																						1

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																							2

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TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

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Lab: BAT

DAY ON TEST	7	7	5	7	7	7	7	6	7	7	7	6	7	7	7	7	6	7	7	5	7	7	7	7	
	2	2	3	2	2	2	2	7	2	2	2	1	2	2	2	2	5	2	2	1	2	2	2	2	2
	7	8	6	8	8	8	7	7	4	7	8	8	8	9	9	7	8	7	9	3	8	8	7	7	
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>20 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
	7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
	<b>* TOTALS</b>																								

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Alveolar/Bronchiolar Adenoma																								2
Hepatocellular Carcinoma, Metastatic, Liver								X																2
Lymphoma Malignant									X															3
Sarcoma, Metastatic, Skin										X														1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																			X					2
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

**SPECIAL SENSES SYSTEM**

Ear	+																							2
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																			X					1
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma																								3

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TDMS No. 88123 - 07

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FORMAMIDE

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DAY ON TEST	7	7	5	7	7	7	7	6	7	7	7	6	7	7	7	7	6	7	7	7	5	7	7	7	7
	2	2	3	2	2	2	2	2	7	2	2	2	1	2	2	2	2	5	2	2	1	2	2	2	2
	7	8	6	8	8	8	7	7	4	7	8	8	8	9	9	7	8	7	9	3	8	8	7	7	7

  

<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

**\* TOTALS**

Lymphoma Malignant

X 2

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant										X										X				3
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant										X										X				3

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma							X													X				2
Lymphoma Malignant										X										X	X		X	6

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DAY ON TEST	7	4	7	7	4	7	7	6	7	7	7	7	7	7	7	6	6	6	7	7	7	7	7	7	7	7	7	
	2	0	2	2	9	0	2	1	2	2	2	1	2	2	2	9	2	1	2	2	2	2	2	2	2	2	2	2
	8	7	8	8	7	2	8	8	7	7	8	3	7	7	7	8	9	0	8	8	9	8	8	8	8	8	8	
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>40 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5			

**females  
(cont...)**

## ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	
Lymphoma Malignant																		X									
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leiomyosarcoma																			X								
Lymphoma Malignant																											
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																											
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																		X									
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																											
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																											
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																											

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	7	4	7	7	4	7	7	6	7	7	7	7	7	7	7	6	6	6	7	7	7	7	7	7	7
	2	0	2	2	9	0	2	1	2	2	1	2	2	2	2	9	2	1	2	2	2	2	2	2	2
	8	7	8	8	7	2	8	8	7	7	8	3	7	7	7	8	9	0	8	8	9	8	8	8	8
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>40 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

**females  
(cont...)**

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Histiocytic Sarcoma																										
Lymphoma Malignant																			X							

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																			X							
Subcapsular, Histiocytic Sarcoma																										
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																			X							
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma																										
Parathyroid Gland	+	+	+	M	M	+	M	+	+	M	+	M	M	+	M	+	+	M	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																			X							
Pars Distalis, Adenoma																										
Pars Distalis, Adenoma, Multiple																										
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	7	4	7	7	4	7	7	6	7	7	7	7	7	7	7	6	6	6	7	7	7	7	7	7	7
	2	0	2	2	9	0	2	1	2	2	2	1	2	2	2	9	2	1	2	2	2	2	2	2	2
	8	7	8	8	7	2	8	8	7	7	8	3	7	7	7	8	9	0	8	8	9	8	8	8	8
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>40 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

## INTEGUMENTARY SYSTEM

## MUSCULOSKELETAL SYSTEM

\* ... Total animals with tissue examined microscopically; Total animals with tumor

† ... Tissue examined microscopically

Lesion present

.. Lesion present  
 Insufficient tissue

### M .. Missing tissue

A .. Autolysis precludes evaluation

**BLANK** Not examined microscopically

TDMS No. 88123 - 07

**Test Type:** CHRONIC

## **Route:** GAVAGE

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## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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## Lab: BAT

## **NERVOUS SYSTEM**

## **RESPIRATORY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x Lesion present

| Insufficient tissue

M .. Missing tissue

A. Autolysis precludes evaluation

**BLANK** Not examined microscopically



**TDMS No. 88123 - 07**

**Test Type: CHRONIC**

## **Route: Gavage**

**Species/Strain:** MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

## FORMAMIDE

CAS Number: 75-12-7

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## Lab: BAT

DAY ON TEST	7	4	7	7	4	7	7	6	7	7	7	7	7	7	7	6	6	6	7	7	7	7	7	7	7
	2	0	2	2	9	0	2	1	2	2	2	1	2	2	2	9	2	1	2	2	2	2	2	2	2
	8	7	8	8	7	2	8	8	7	7	8	3	7	7	7	8	9	0	8	8	9	8	8	8	8
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>40 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

## **SYSTEMIC LESIONS**

## Multiple Organ

## Histiocytic Sarcoma

## Lymphoma Malignant

## females (cont...)

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

- + .. Tissue examined
- x Lesion present

.. Lesion present  
 Insufficient tissue

M .. Missing tissue

A.. Autolysis precludes evaluation

**BLANK** Not examined microscopically

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

Date Report Reqstd: 05/04/2006

Time Report Reqstd: 11:47:08

First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

	DAY ON TEST	7	7	7	7	7	0	6	7	7	6	7	6	6	7	4	7	7	4	7	5	7	7	5	7
		2	2	2	0	2	0	6	2	2	9	2	2	7	1	2	7	2	2	0	2	8	0	2	4
		8	8	7	0	7	6	5	7	7	8	8	5	8	9	1	8	7	1	8	7	9	8	9	8
<b>B6C3F1 MICE FEMALE</b>	<b>ANIMAL ID</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>40 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
																									<b>* TOTALS</b>

## ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+		+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	46
Lymphoma Malignant																X									2
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Leiomyosarcoma																									1
Lymphoma Malignant																	X								1
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																	X								1
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																									1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																	X								1
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																	X								1
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																	X								1

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

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TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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FORMAMIDE

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Lab: BAT

	7	7	7	7	7	0	6	7	7	6	7	6	6	7	4	7	7	4	7	5	7	7	5	7
	2	2	2	0	2	0	6	2	2	9	2	2	7	1	2	7	2	0	2	8	0	2	4	2
	8	8	7	0	7	6	5	7	7	8	8	5	8	9	1	8	7	1	8	7	9	8	9	8
<b>B6C3F1 MICE FEMALE</b>																								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	<b>* TOTALS</b>																							

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangiosarcoma																									1
Hepatocellular Adenoma		X				X																			11
Hepatocellular Adenoma, Multiple			X																						2
Histiocytic Sarcoma														X											2
Lymphoma Malignant																						X			3
Mesentery	+		+				+																		8
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant							X																		3
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant							X																		3
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																									1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant							X																		2

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
--------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

\* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

FORMAMIDE

CAS Number: 75-12-7

Pathologist: RYAN, M. - Blackshear, P.

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First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

	DAY ON TEST	7	7	7	7	7	0	6	7	7	6	7	6	6	7	4	7	7	4	7	5	7	7	5	7
		2	2	2	0	2	0	6	2	2	9	2	2	7	1	2	7	2	2	0	2	8	0	2	4
		8	8	7	0	7	6	5	7	7	8	8	5	8	9	1	8	7	1	8	7	9	8	9	8
<b>B6C3F1 MICE FEMALE</b>	<b>ANIMAL ID</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>40 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
																									<b>* TOTALS</b>

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma																									1
Lymphoma Malignant							X																		3

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Lymphoma Malignant						X																			3
Subcapsular, Histiocytic Sarcoma														X											1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																									1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma						X																			1
Parathyroid Gland	+	M	+	+	M	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	M	35
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Lymphoma Malignant																									2
Pars Distalis, Adenoma														X											2
Pars Distalis, Adenoma, Multiple						X																			1
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

**TDMS No. 88123 - 07**

**Test Type: CHRONIC**

**Route:** Gavage

**Species/Strain:** MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

## FORMAMIDE

CAS Number: 75-12-7

**Pathologist:** RYAN, M. - Blackshear, P

**Date Report Registered:** 05/04/2006

Time Report Requested: 11:47:08

**First Dose M/F:** 10/04/01 / 10/03/01

## Lab: BAT

	DAY ON TEST	7	7	7	7	7	0	6	7	7	6	7	7	6	6	7	4	7	7	4	7	5	7	7	5	7	
		2	2	2	0	2	0	6	2	2	9	2	2	7	1	2	7	2	2	0	2	8	0	2	4	2	
		8	8	7	0	7	6	5	7	7	8	8	8	5	8	9	1	8	7	1	8	7	9	9	8	9	
<hr/>																											
<b>B6C3F1 MICE FEMALE</b>	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>40 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	

### Lymphoma Malignant

1

### Follicle, Adenoma

2

## **GENERAL BODY SYSTEM**

NONE

## **GENITAL SYSTEM**

## **HEMATOPOIETIC SYSTEM**

\* Total animals with tissue examined microscopically: Total animals with tumor

## M Missing tissue

+ Tissue examined microscopically

A .. Autolysis precludes evaluation

- + .. Tissue examined
- x Lesion present

**BLANK** Not examined microscopically

x .. Lesion present  
| Insufficient tissue

TDMS No. 88123 - 07

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	7	7	7	7	7	0	6	7	7	6	7	6	6	7	4	7	7	4	7	5	7	7	5	7
	2	2	2	0	2	0	6	2	2	9	2	2	7	1	2	7	2	0	2	8	0	2	4	2
	8	8	7	0	7	6	5	7	7	8	8	8	5	8	9	1	8	7	1	8	7	9	8	9
<b>B6C3F1 MICE FEMALE</b>																								
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	<b>* TOTALS</b>																							

Histiocytic Sarcoma	X	1
Lymphoma Malignant		1
.....		
Lymph Node	+	
Bronchial, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung	X	
Bronchial, Lymphoma Malignant		
Inguinal, Lymphoma Malignant		X
Lumbar, Lymphoma Malignant		X
Mediastinal, Lymphoma Malignant		X
Pancreatic, Lymphoma Malignant	X	
Renal, Teratoma Malignant, Metastatic, Ovary		X
.....		
Lymph Node, Mandibular Lymphoma Malignant	+	
	X	
		50
		3
.....		
Lymph Node, Mesenteric Histiocytic Sarcoma	+	
	X	
Lymphoma Malignant		X
		3
.....		
Spleen Histiocytic Sarcoma	+	
	X	
Lymphoma Malignant		X
		X
		49
		1
		3
.....		

\* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

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| .. Insufficient tissue

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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	7	7	7	7	7	0	6	7	7	6	7	6	6	7	4	7	7	4	7	5	7	7	5	7	
	2	2	2	0	2	0	6	2	2	9	2	2	7	1	2	7	2	2	0	2	8	0	2	4	2
	8	8	7	0	7	6	5	7	7	8	8	8	5	8	9	1	8	7	1	8	7	9	8	9	8

  

<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

**\* TOTALS**

Thymus	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Lymphoma Malignant						X																		4

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma																								3
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Subcutaneous Tissue, Lymphoma Malignant																								1
Subcutaneous Tissue, Sarcoma																								4
Subcutaneous Tissue, Sarcoma, Multiple																								1

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Skeletal Muscle		+																						5
Hemangiosarcoma																								1
Lymphoma Malignant						X																		1
Teratoma Malignant, Metastatic, Ovary																								1

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

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TDMS No. 88123 - 07

**Test Type:** CHRONIC

## **Route: GAVAGE**

**Species/Strain:** MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

## FORMAMIDE

**CAS Number:** 75-12-7

**Pathologist:** RYAN, M. - Blackshear, P

Date Report Requested: 05/04/2006

Time Report Requested: 11:47:08

**First Dose M/F:** 10/04/01 / 10/03/01

## Lab: BAT

## **NERVOUS SYSTEM**

## **RESPIRATORY SYSTEM**

\* = Total animals with tissue examined microscopically; Total animals with tumor

† ... Tissue examined microscopically

Lesion present

✓ .. Lesion present  
| Insufficient tissue

### M .. Missing tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation

**BLANK** Not examined microscopically

TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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Lab: BAT

	DAY ON TEST	7	7	7	7	7	0	6	7	7	6	7	6	6	7	4	7	7	4	7	5	7	7	5	7
		2	2	2	0	2	0	6	2	2	9	2	2	7	1	2	7	2	2	0	2	8	0	2	4
		8	8	7	0	7	6	5	7	7	8	8	5	8	9	1	8	7	1	8	7	9	8	9	8
<b>B6C3F1 MICE FEMALE</b>	<b>ANIMAL ID</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>40 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
		<b>* TOTALS</b>																							

Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
---------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

**SPECIAL SENSES SYSTEM**

Ear	+																									2
Eye	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Lymphoma Malignant																										1
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adenoma																										2
Lymphoma Malignant																										2
Bilateral, Adenoma																X										1

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma																	X									1
Lymphoma Malignant																										3
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																	X									3

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

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**Test Type: CHRONIC**

## **Route: Gavage**

**Species/Strain:** MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

## FORMAMIDE

CAS Number: 75-12-7

**Pathologist:** RYAN, M. - Blackshear, P

**Date Report Requested:** 05/04/2006

Time Report Requested: 11:47:08

**First Dose M/F:** 10/04/01 / 10/03/01

## Lab: BAT

## **SYSTEMIC LESIONS**

## Multiple Organ

### Histiocytic Sarcoma

2

#### Lymphoma Malignant

**X** **X** **X** **6**

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present  
 Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically







TDMS No. 88123 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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	7	7	7	7	7	7	6	6	7	7	7	6	6	7	7	6	7	7	7	7	7	7	7	5	7	
	2	2	2	2	2	2	5	6	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	9	2
	7	7	9	7	8	8	7	0	7	7	9	6	3	8	8	3	8	8	9	7	7	7	7	9	0	7
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>80 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

females  
(cont...)

## GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Cystadenoma														X												
Hemangioma																										
Luteoma																										
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Polyp Stromal																										

## HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node							+								+	+										
Inguinal, Lymphoma Malignant															X											
Mediastinal, Hepatocellular Carcinoma, Metastatic, Liver																	X									
Mediastinal, Lymphoma Malignant							X																			
Renal, Lymphoma Malignant							X								X											
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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	7	7	7	7	7	7	7	7	7	6	7	7	7	7	7	7	7	5	7	6	7	7	7
	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	6	2	1	2	2	2
	8	9	9	8	8	9	7	7	7	4	9	7	7	9	8	7	7	3	7	7	3	7	8
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>80 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
																							<b>* TOTALS</b>

## ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	49
Lymphoma Malignant																							1
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																							1
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Leiomyosarcoma																							1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																							1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma																	X						1
Hepatocellular Adenoma																X						X	10

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First Dose M/F: 10/04/01 / 10/03/01

Lab: BAT

	DAY ON TEST	7	7	7	7	7	7	7	7	7	6	7	7	7	7	7	7	7	5	7	6	7	7	7	
		2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	6	2	1	2	2	2	
		8	9	9	8	8	9	7	7	7	4	9	7	7	9	8	7	7	3	7	7	3	7	8	
<hr/>																									
<b>B6C3F1 MICE FEMALE</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>80 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
		7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
<hr/>																									
<b>* TOTALS</b>																									

Lymphoma Malignant

1

## ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hepatocellular Carcinoma, Metastatic, Liver																									1
Lymphoma Malignant																			X						2
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pheochromocytoma Malignant																			X						2
Islets, Pancreatic Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
																			X						1
Parathyroid Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	42
Pituitary Gland Pars Distalis, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
								X																	1
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

## GENERAL BODY SYSTEM

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
| .. Insufficient tissue

M .. Missing tissue  
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TDMS No. 88123 - 07

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## **GENITAL SYSTEM**

## HEMATOPOIETIC SYSTEM

\* .. Total animals with tissue examined microscopically; Total animals with tumor

† = Tissue examined microscopically

x Lesion present

.. Lesion present  
 Insufficient tissue

### M .. Missing tissue

M .. Missing tissue  
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**BLANK** Not examined microscopically



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## Lab: BAT

Osteosarcoma X 1

## **NERVOUS SYSTEM**

## **RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar/Bronchiolar Adenoma													X														4
Alveolar/Bronchiolar Carcinoma																	X										3
Alveolar/Bronchiolar Carcinoma, Multiple																											1
Hepatocellular Carcinoma, Metastatic, Liver																		X									3
Lymphoma Malignant																				X							2
Osteosarcoma, Metastatic, Bone																									X		1

## **SPECIAL SENSES SYSTEM**

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## Lab: BAT

## Harderian Gland

### Adenoma

**X**   **X**                    **X**                    **X**                    **7**

## Carcinoma

1

## **URINARY SYSTEM**

## **SYSTEMIC LESIONS**

\*\*\* END OF REPORT \*\*\*

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+ .. Tissue examined microscopically

x .. Lesion present

x .. Lesion present  
| Insufficient tissue

M .. Missing tissue  
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BLANK .. Not examined microscopically